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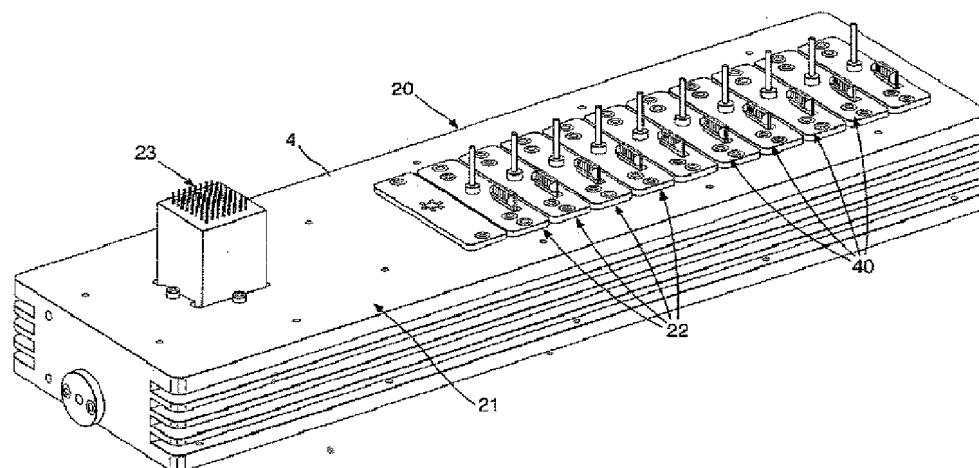
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(54) Title: PARTICLE DETECTION



(57) Abstract: Particle detection and characterising apparatus has an insulating tube (50) along which the particles flow. Five elec-  
trodes (51, 52, 55, 56) and (57) spaced along the outside of the tube are connected via amplifiers (61) and (62) to a processor (68)  
arranged to measure the charge on the particles. The apparatus also includes a laser (11) and photomultiplier tube (23) arranged to  
measure the size of the particles so that the nature of the particles can be characterised from their electrical charge and size.

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